



Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

1. Substitute Sequence Listing in paper and computer readable form pursuant to 37 C.F.R. §§ 1.821 (c), (d) and (e);
2. Transmittal of Substitute Sequence Listing Under 37 C.F.R. § 1.825;
3. Second Supplemental Information Disclosure Statement with attached substitute PTO-1449 and references BE-BL;
4. Exhibit A: Blast 2 Sequences alignment of Tucker SEQ ID NO: 1 (this application) with SEQ ID NOs: 9 + 10 concatenated, from Sasaki et al., US Patent #6440425;
5. Exhibit B: Blast 2 Sequences alignment of Tucker SEQ ID NO: 9 (this application) with SEQ ID NO: 3 from Sasaki et al., US Patent #6440425;
6. Petition for Extension of Time; and
7. Fee transmittal.